

Naming Ionic Compounds Practice Worksheet

Name the following ionic compounds:

- 1) NH_4Cl _____
- 2) $\text{Fe}(\text{NO}_3)_3$ _____
- 3) TiBr_3 _____
- 4) Cu_3P _____
- 5) SnSe_2 _____
- 6) GaAs _____
- 7) $\text{Pb}(\text{SO}_4)_2$ _____
- 8) $\text{Be}(\text{HCO}_3)_2$ _____
- 9) $\text{Mn}_2(\text{SO}_3)_3$ _____
- 10) $\text{Al}(\text{CN})_3$ _____

Write the formulas for the following compounds:

- 11) chromium (VI) phosphate _____
- 12) vanadium (IV) carbonate _____
- 13) tin (II) nitrite _____
- 14) cobalt (III) oxide _____
- 15) titanium (II) acetate _____
- 16) vanadium (V) sulfide _____
- 17) chromium (III) hydroxide _____
- 18) lithium iodide _____
- 19) lead (II) nitride _____
- 20) silver bromide _____

Solutions for the Naming Ionic Compounds Practice Worksheet

If you need help naming ionic compounds, you should check the helpdesk section of my webpage (<http://www.chemfiesta.com>) for a method that might help you out.

- 1) ammonium chloride
- 2) iron (III) nitrate
- 3) titanium (III) bromide
- 4) copper (I) phosphide
- 5) tin (IV) selenide
- 6) gallium arsenide
- 7) lead (IV) sulfate
- 8) beryllium bicarbonate
- 9) manganese (III) sulfite
- 10) aluminum cyanide

- 11) $\text{Cr}(\text{PO}_4)_2$
- 12) $\text{V}(\text{CO}_3)_2$
- 13) $\text{Sn}(\text{NO}_2)_2$
- 14) Co_2O_3
- 15) $\text{Ti}(\text{C}_2\text{H}_3\text{O}_2)_2$
- 16) V_2S_5
- 17) $\text{Cr}(\text{OH})_3$
- 18) LiI
- 19) Pb_3N_2
- 20) AgBr